

5-USGS (Farmington) 1-File 1 - Tenneco 1 - Texoma 1 - Dome

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐
well well other

2. NAME OF OPERATOR

Dugan Production Corp.

3. ADDRESS OF OPERATOR

Box 208, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1600' FNL - 1600' FWL

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☒ of completion

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

5. LEASE
NM 11773

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Windfall

9. WELL NO.

#10

10. FIELD OR WILDCAT NAME

Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 31 T26N R11W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6145' KB

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached sheets for perfs, 6-18-80, and frac, 6-19 & 6-20-80.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

Thomas A. Dugan

TITLE

Engineer

DATE

12-19-80

(This space for Federal or State office use)

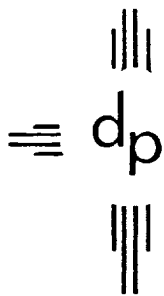
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NMOCC



dugan production corp.

Dugan Production Corp.
Windfall #10

DAILY REPORT

6-18-80 Hooked up Western Co. and pumped water down to kill well.

Removed tbg spool and installed BOP. Removed 2-7/8" donut and 1 jt of 2-3/8" tbg from well. Hooked up Western and killed well again.

G0 Wireline went in hole w/Baker Model "K-1" cement retainer and set @ 5600'. Came up hole and waited for well to die before rigging down G0. Hooked up Western and loaded hole and pressure tested to 2500 psi.

Rigged up G0 again and ran GR-CCL from 5300' to 4600'. Went in hole and perf w/1 shot per foot as follows:

5198-5206, 4908-4932', 4824-4834', 4806-4816, 4732-4740', 4704-4716'.

Rigged down G0 and shut well in. Well had gas on braden head and was starting to build on csg.

6-19-80 Opened well and blew down small amount of gas. Changed pipe rams to 2" in BOP. Went in hole w/Baker Service Tools bridge plug and packer. Had trouble getting in hole w/1st 16 jts. Set equipment as follows and acidized with Western.

Bridge plug @ 5247', packer @ 5129'.

Treated zone 5198-5206' w/6 RCN frac balls. Breakdown @ 2850 psi. (Broke down hard after three tries) Ball action - none - Good break back

Bridge plug @ 4845', Packer @ 4981'

Treated zone 4908-4932' w/20 RCN frac balls. Break down @ 2900 psi.

Ball action - none - good break back

Bride plug @ 4862', packer @ 4772'

Treated zone 4806-4832' w/20 RCN frac balls. Break down @ 1500 psi

Ball action - good with break back.

Bridge plug @ 4772'

Packer @ 4653'

Treated zone 4704-4740' w/20 RCN frac balls. Breakdown @ 1600 psi.

Ball action - none, but with good break back. Rigged down Western & POH.

6-20-80 Rigged up Western Co. and fraced as follows:

238 bbl - slick water pad
111 bbl - slick water w/1/2#/gal 20-40 sand
581 bbl - slick water w/1#/gal 20-40 sand
742 bbl - slick water w/1-1/2#/gal 20-40 sand
200 bbl - slick water flush

Water was treated w/2.5#/1000 gal of FR-2 and 1 gal/1000 gal of aquaflo.

Total fluid - 1872 bbls
Total sand - 65,000# 20-40

Max 1300 psi @ 44 B/M
Avg 1000 psi @ 44 B/M
Min 900 psi @ 40 B/M

ISDP - 700 psi I.S. after 15 min - 600 psi

Frac went good but should have dropped balls. Fear bottom zone did not frac. Opened well after 2-1/2 hrs - did not blow down for another 2-1/2 hrs.

Went in hole w/2-3/8" 4.7# EUE tbg w/well blowing to 5242' without tagging sand. Set 175 jts 2-3/8" OD 4.7# J-55 EUE J&L tbg. TE 5169' set @ 5182'. Nippled down BOP and installed well head. Shut well in for the night.

6-26-80 M.I. & R.U. F.W.S. swabbing unit. Swabbed well 9 hrs. Swabbing - frac water w/ show oil. Csg. pressure when starting swabbing operation T.S.T.M. Csg. pressure at end of day 250 psi.

6-27-80 Swabbed well 6½ hrs - csg pressure remaining at 250 psi. Wtr. decreasing and oil percentage increasing. Estimated swabbing at rate of 15 bbls oil per day. Plan to put well on pump.